IN THE CLAIMS:

Please cancel claims 1 and 8, add new claims 20-27, and amend claims 2,3,6,7,9,10,13-19, as follows:

1. (Cancelled)

2. (Currently Amended) A process according to claim [[1]] 20 wherein at least one wear layer is arranged on top of the decor ~~paper~~ layer in order to increase the wear resistance, that the at least one wear layer is arranged between the decor ~~paper~~ layer and the press plate or press foil during the lamination procedure.

3. (Currently Amended) A process according to claim 2 wherein the wear layer comprises at least one overlay paper which is impregnated with melamine-formaldehyde resin before the lamination procedure.

4. (Original) A process according to claim 3 wherein the at least one overlay paper further comprises hard particles with an average particle size in the range 50 nm - 150 μm.

5. (Original) A process according to claim 4 wherein the uppermost surface of the overlay paper facing the press plate or press foil is provided with hard particles with an average particle size in the range 50 nm - 30 μm.

6. (Currently Amended) A process according to claim [[1]] 20 wherein the base layer ~~consists of~~ comprises a particle board or a fibre board.

7. (Currently Amended) A process according to claim [[6]] 20 wherein the base layer comprises a particle board or a fibre board with at least one base paper layer ~~of for example Kraft paper~~ arranged thereon, the base paper layer being impregnated with a thermosetting resin selected from the group consisting of melamine-formaldehyde, phenol-formaldehyde, urea-formaldehyde and combinations thereof.

8. (Cancelled)

9. (Currently Amended) A process according to claim [[1]] 20 wherein the decor ~~paper~~ layer has a longitudinal and a latitudinal direction, and that the decor ~~paper~~ layer contains

longitudinal rows of longitudinally arranged panels.

10. (Currently Amended) A process according to claim [[1]] 20 wherein the decor ~~paper~~ layer has a longitudinal and a latitudinal direction, and that the decor ~~paper~~ layer contains longitudinal rows of latitudinally arranged panels.

11. (Previously Presented) A process according to claim 9 wherein the panels have a rectangular shape.

12. (Original) A process according to claim 9 wherein the panels have a square shape.

13. (Currently Amended) A process according to claim [[1]] 20 wherein the ~~decor paper is provided with means for positioning~~ position indicator is selected from the group consisting of color dots, color lines, grid patterns holes, code lines, indentations, that said positioning means are arranged in a predetermined relation to the decor sections.

14. (Currently Amended) A process according to claim 8 wherein the positioning indicator is ~~decor paper is provided with means for positioning~~ selected from the group consisting of color dots, color lines, grid patterns, holes, code lines, indentations, that said positioning means are arranged in a predetermined relation to the decor sections.

15. (Currently Amended) A process according to claim [[14]] 20 wherein the ~~positioning means are~~ positioning indicator is detected by the another camera ~~array~~ for positioning of the press plates or press foils, and that the same positioning indicator is also ~~means are further~~ used for ~~guiding the cutting of~~ machining at least the edge of the decorative board ~~into panels~~.

16. (Currently Amended) A process according to clam 15 wherein the panels are provided with joining ~~means~~ elements at the edges, that the positioning ~~means~~ indicator is used to accurately guide the ~~position~~ milling of the edges, and thereby also the position of the joining element [[means,]] in relation to the decor.

17. (Currently Amended) A process according to claim [[1]] 20 wherein the positions of the decor sections of the decor ~~paper~~ layer are detected by ~~means of a second~~ the first camera ~~array~~ sending data input to a computer, that the data input from the ~~second~~ first camera ~~array~~ is used after the ~~pressing~~ bonding for accurately guiding the positioning of tools selected from the group consisting of cutting and milling tools used for at least one of cutting the decorative board ~~into panels~~ and providing said decorative board ~~panels~~ with ~~means for~~ joining elements.

18. (Currently Amended) A process according to claim 17 wherein the ~~second~~ first camera comprises a camera array and said camera array is further used for controlling the quality achieved; wherein the camera array comprises at least one matrix color camera for detecting color of the decor paper and at least one reflection camera for detecting the surface structure, that the data input from the two camera types are compared in a control computer for evaluation of alignment between decor and surface structure.

19. (Currently Amended) A process according to claim 18 wherein alignment evaluation data of the control computer is used by [[the]] a computer for calculating statistical process guiding of the positioning of the press plates or press foils ~~during~~ prior to the lamination step ~~procedure~~.

20. (New) In a process for the manufacture of a decorative board with joining edges; said process comprising

providing a décor layer and at least one paper layer impregnated with a thermosetting resin on a base layer;
laminating the décor layer, paper layer and base unto the board layer under heat and pressure;
machining at least an edge of the board, the improvement comprising
providing a position indicator on the décor layer;
detecting a position of a décor section on the décor layer by sensing a positioning indicator on the décor layer with a first camera;
sending data obtained from the first camera to a computer; and
utilizing the computer to guide a tool to machine an edge of the board.

21. (New) The process of claim 20 where the machining is milling and the tool is a milling tool.

22. (New) The process of claim 20 when the machining is cutting and the tool is a cutting tool.

23. (New) The process of claim 22 further comprising milling by the use of a milling tool.

24. (New) The process of claim 20, further comprising applying a press plate or a press foil against an uppermost surface of the board during said bonding step to emboss a surface structure in register with a decor of the décor layer.

25. (New) The process of claim 20, further comprises utilizing another camera to detect the

position of a décor section on the décor layer and guiding the press foil in a longitudinal direction through tension control.

26. (New) The process of claim 25, further comprising adjusting the latitudinal position of the press foil.

27. (New) The process of claim 26 wherein the computer compares data from the first camera with the data from the another camera for evaluation of alignment between the décor layer and embossed surface structure prior to said machining step.